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(71) Applicant *(for all designated States except US)*: **THE MAIA INSTITUTE** [MC/MC]; Le Patio Palace, 41 Avenue Hector Otto, MC 98000 Monaco (MC).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **KAGARLIS, Marios** [GR/MC]; 15 Avenue Crovetto Frères, MC 98000 Monaco (MC).

(74) Agents: **PIOTROWICZ, Pawel** et al.; Venner Shipley & Co, 20 Little Britain, London EC1A 7DH (GB).

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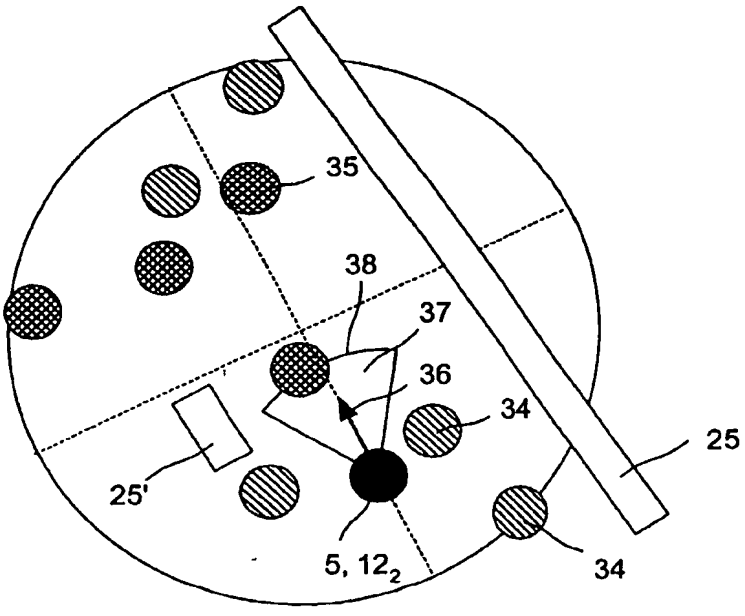
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MOVEMENT OF AN AUTONOMOUS ENTITY THROUGH AN ENVIRONMENT



(57) Abstract: A method of determining a path of an autonomous entity through an environment, the method comprising providing a provisional path through a model of the environment from a current location to an intended destination, providing a profile for said autonomous entity, determining a preferred step towards said intended destination based upon said profile and said provisional path, determining a personal space around said autonomous entity and determining whether said preferred step is feasible by considering whether obstructions infringe said personal space.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HOSOI R ET AL: "Dynamical model of a pedestrian in a crowd" ROBOT AND HUMAN COMMUNICATION, 1996., 5TH IEEE INTERNATIONAL WORKSHOP ON TSUKUBA, JAPAN 11-14 NOV. 1996, NEW YORK, NY, USA,IEEE, US, 11 November 1996 (1996-11-11), pages 44-49, XP010212810 ISBN: 0-7803-3253-9 in particular section 2 Modeling and figures 1, 4 and 11 the whole document ----- -/--	1-48

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
15 April 2004	29/04/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Lerbinger, K

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HELBING D ET AL: "Social force model for pedestrian dynamics" PHYS. REV. E, STAT. PHYS. PLASMAS FLUIDS RELAT. INTERDISCIP. TOP. (USA), PHYSICAL REVIEW E (STATISTICAL PHYSICS, PLASMAS, FLUIDS, AND RELATED INTERDISCIPLINARY TOPICS), MAY 1995, USA, vol. 51, no. 5, pt.A, May 1995 (1995-05), pages 4282-4286, XP002277054 ISSN: 1063-651X the whole document	1-48
A	GOLDENSTEIN S ET AL: "Scalable dynamical systems for multi-agent steering and simulation" PROCEEDINGS OF THE 2001 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION. ICRA 2001. SEOUL, KOREA, MAY 21 - 26, 2001, PROCEEDINGS OF THE IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 4, 21 May 2001 (2001-05-21), pages 3973-3980, XP010550757 ISBN: 0-7803-6576-3 in particular paragraph bridging pages 3973-4 the whole document	1-48
A	US 2002/062207 A1 (FAGHRI ARDESHIR) 23 May 2002 (2002-05-23) the whole document	1-48

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002062207 A1	23-05-2002	NONE	